

— SOUTH WEST AFRICA —

SA #1 S.W.A. : OSHIKANGO, 1100 M, XII-17-66

Teratombia in rough bark of scattered acacia trees in admin. area. Recent rain. Sandy flat.

S.A. 2 S.W.A. : 24 MI. S.E. ONDANGUA, 1100 M, XII-18-66

Sandy flat with dense acacia scrub. Scattered large "mesquite." Large pale frs in bark crevices of latter with egg chamber in beetle borings etc. Eggs + 1st-2nd instars present.

S.A. 3 Some duplicate culture

S.A. 4 Some " "

S.A. 5 S.W.A. 44 MI. S.E. ONDANGUA, 1100 M, XII-18-66

Several juv. Embia under deeply-imbedded log in sand in shade of Acacia. Acacia scrub on sandy plain. Recent rain.

S.A. 6 S.W.A. : 12 MI. N.W. NAMUTONI, 1080 M, XII-18-66

East end Steinwater, Etosha Pan. Many young embia under calcareous rocks of hard pan above salt lakes shore. Thin shade of acacia. Recent rain.

S.A. 7 S.W.A. : 27 MI. S.E. TSUMEB 400 M, XII-20-66

Scrub, thorn brush on shaded side of rocky hill. Embia under stones in shade. Recent heavy rain. 1 penult of all others from 1 nest all 3rd instar. Brick red. Highly gregarious.

Rolling rocky hills with acacia savanna. Cultivation collected under stones in shade of acacia. Dry, no rain in season Emilia along margins of dry creek

DIHYBOERCUS (PALE LONG-WINGED)

S.A. 9 S.W.A.:

KHOOMAS HOCHLAND XII-25-66

Rolling hill savanna, slight rain effect. Emilia under stones under acacia along margins of dry creek.

S.A. 10 S.W.A. : DAAN VILJOEN GAME PARK, 15 MI. W. WINDHOEK, 1800 M, XII-26-66
Emilia under rocks shaded or unshaded in rolling hills covered with sparse savanna. Very dry in spite of some rain in the season. Some adult ♀, various stages nymphs.

S.A. 11 S.W.A. : 10 MI. N. WINDHOEK, 1500 M, I-2-67
 Sandy valley with very large acacia etc. A picnic area. Recent rain young grass, also lilies. Emilia under schist slabs in shade of low trees. Some advanced in devel.

S.A. 12 S.W.A. : Edge of Fish River Cys, 40 mi N.W. Klein Karas, 810 M ?, I-5-67
 Barren, stone-littered area with "Pedilanthus", rare rotsenboom etc. Emiliid webs in shaded crevices over cliff edge, in leaf litter beneath shrubs. Webs follow crevices and sides of old buried stone rubble have scattered 2-3, 3rd instar. Very dry conditions. white, fibrous, elastic. May

S.A. 13 S.AFRICA: PAPENDORP, 10 M, I-7-67
 Conglomerate (embedded quartz) rocky ledges projecting from old dunes, densely shrub-covered; numerous, diverse succulents & emiliids collected in individual galleries under large stones, broken off ledges, webs follow up crevices on sides of stones. Very dry dusty under stones but emiliids do not penetrate soil. 1 adult ♀ captured.

C-1

1967 Cultures
Paarl west side
E Du Toits Kloof

0707 Chersembia

C-2 S. Africa: Cape Prov., Paasendorp

107

C-3 S. W. Africa: 45 mi E. Gobabis 1350 M XI-3-67

Lavender rock ledge area in Kalahari, near farm house
3 large ♀ no eggs or young ^{under} ~~in~~ dry bark of fence posts 4' up

C-4

Some place

Large colony under flat stone on sand, exposed to sun
Webs radiating in bases of "crab grass" and into ground.
Dead ♀ Embia (?) in large webs. At least one juv (3rd)
in ~~the~~ masses of silk cultured. Large Embia ♀s, many but
no males, no eggs laid.

C-5

Botswana: Camp, 10 mi N.E. Kachikan, 930 M, XI-8-67

Webs amongst dry leaf litter under log in sparse
scrub jungle. Appear to be 3rd instar Embia

C-6

Rhodesia: Island in Zambezi R., 5 Mi above Falls
900 M XI-10-67

3 large tan ♀ in bark bracts of palms. Dead, gray
dry. ~~so~~ the webs clean extended from crevices. Single ♀s
and egg masses.

C-7

Zambia: Livingstone (grounds of boat club), 900 M, XI-11-67

1 ♀ of 2-6 species in Borassus palm trunk cracks + 1 juv
Embia? under stone Small Embia

C-8

Zambia: about 30 mi S. of Lusaka, 950 M, XI-12-67

Open savanna on rocky ridges recent rain. About 15 $\frac{1}{2}$ grain
Embia? webbing bark of recent cut log on grass.

Dihylocerus cornis

C-9 Zambia: Same place as C-8
Scelobia on sides of rocks in ledge, naked silk.

C-10 ZAMBIA: 28 MI. N.E. KAFIRI MPOSHI 1150M, XI-14-67
 Dense low savanna wood, low quality tan ♀ in hollow of twig end of small tree.

C-10A Some place and species in crevice of dead burned sapling 5' high. 1 ♀ with about 100 small loose eggs on silk wall.

C-11 ZAMBIA: 18 MI. S.W. MKUSHI, 1300M, XI-14-67
 Limestone ridge in savanna woods. Embiids under stones in shade 1 pale ♀ 1 juv ♀ 1 juv ♂ same sp.?

C-12 ZAMBIA: 33 MI. N.E. KANONA, 1500M, XI-14-67
 High limestone ridge, more exposed than C-11. Native field cleared and abandoned at base. Numerous stumps & logs on ground. Large *Dihybo* or *Embia* in punky damp log interior & under bark and fungus. Tunnels arose from single silk gallery into soil under log. All one brood about 5 penult ♂ and 2 penult ♀ 2 ♂ in unlabelled vial DIHYBOCEPUS

C-13 some place
 2-3 *Embia*? under stones near base of cliff.

C-14 ZAMBIA: SENGA HILL, 44 49 MI. S. ABERCORN XI-15-67
 about 4 juv, pale or. & bl. *Dihybo* under rotten logs on leaf litter in open savanna amongst rocks and ridges. Recent rain. One embiid per small web. At least 1 penult ♂.
 1 ENVEJA ♂ XII-30

C-15 ZAMBIA: KALAMBO FALLS XI-15-67
 Pale ♀ and 1st instar in splintered branch butt of small tree in dense savanna. Tunnels follow old beetle borings. Naked white silk visible outside. Little rain to date. For prob of this sp. *Tylaxibia* n.sp. came to light early in evening. Warm, smoggy before slight sprinkle

C-16 same sp and place

C-17 TANZANIA: 20 MI. NW SUMBAWANGA 1820M XI-17-67
 Low live-oak like savanna being cleared 1 large pale ♀ in ^{dark} crevice of filled crown trunk. cell without eggs.

C-18 Some place + sp. 2 ♀

C-19 TANZANIA: 48 MI. N.W. SUMBAWANGA 1650 M XI-17-67
Salembla in bark of large fallen acacia. Rocky ridge in high
Acacia savanna, recent rain.

C-20 TANZANIA: 59 MI. S. MPANDA, 1200M XI-18-67
Rocky ridge, high savanna woods, recent rain. Costus in
bloom, B+W asters caught, adult and juv. cultured.
Under stones one embiid per gallery.

C-21 Same, one pupa of or + bl Dihyb. under stone

C-22 TANZANIA: 37 MI. N. MPANDA, 1200M, XI-18-67 (about 6)
High savanna woods "early spring" B+W sp under
limb fragments and logs one embiid per gallery

C-23 TANZANIA: 35 MI. S. UVINZA, 1600M, XI-19-67
Salembla in bark plates of broad, thick-leaved
tree, several ♀ + 1 pupa of living tree. exposed
situation. 2 winged ♂ of Dihyb. collected here
one on grass blade in sav. woods, one on leaf of
above tree

C-23 TANZANIA: 17 MI. W. IKOMA 1250M, XI-22-67
A few *Gnathocelia* under numerous stones in open
savanna recent rain 2 adult ♂ caught

C-24 TANZANIA: #3 MI. N.W. SERONERA, 4800 ft, XI-24-67
One small embiid under rock in open savanna
recent rain

C-25 TANZANIA: NAABI HILL, SERENGETI, 1650 M XI-25-67
Dihyb. under stones and under bark of dead limb
of large acacia. Adults and late juv. Clumps of large

C-26 TANZANIA: 10 MI S.E. OLDUVAI, 1500 M XI-26-67
Under stones on ridge in Acacia savanna